JUL 2 9 2005

- ASE ERENOFIANT (C) WAS . . IL LOLD I

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks I through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and positionness of maintenance fees will be mailed to the current correspondence address as calculated unless corrected below or directed otherwise in Block I, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

maintenance fee notificati	ons.		,,		t amen or (o) management a sal	Water 100 VOOTEDO INT
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block I for any change of address)				Note: A certificate of Foc(s) Transminel. The	mailing can only be used	for domestic mailings of the loss any other secompanying tent or formal drawing, mus-
25784 7590 ¢7/1 (/2ans				papers. Each addition have its own certificat	al paper, such as en assigm le of mailing or transmission	test or formal drawing, mus
MICHAEL O. S	CHEINBERG			•		
P.O. BOX 16414	0		I hereby certify that the	his Fee(x) Transmittal is bei	ng deposited with the United	
AUSTIN, TX 78716-4140 08/01/2005 TL0222 00000003 10664796				oddsessed to the Mai	I Stop ISSUE FEE address 70 (371) 273-2885. on the	simission ing deposited with the United first class mall in an envelope s above, or heing facetmile date indicated below.
		14	00.00 OP	Margarila Marque	z-Escalona()	(Depositor's same)
01 FC:1501 02 FC:1504		300.00 OP		THEN SHOW	16/11/01/12	(Signature)
	G:1304			July 29, 2005		() (011)
APPLICATION NO	FILING DATE	PIRST NAME		INVENTUR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/654,795	10/664,796 09/18/2003 /		, Jacob Johannes Scholtz		P124C1	3492 ′
TITLE OF INVENTION:	PARTICLE-OFTICAL DEV.	ICE AND DETACT	TION MEANS			
A #04 p. (0 MDD	Oraca a Grammar					
APPLN. 1 YPE	SMALL ENTITY	ASSUE FEE		PUBLICATION PEG	TOTAL FER(S) DUF.	DATE DUE
nonprovisional NO		\$1400		\$300	\$1700	10/11/2005
EXAMINER		ART UNIT		CLASS-SUBCLASS]	
GÚRZO, PAÚT. M		2881		250-310000		
Change of currespondence address or indication of "Fee Address" (37 2 For printing on the parent front page, list (1) the remain of the page, list (1) the remain of the page, list (2) Michael O. Sche						O Scheinbern
Change of correspondence address (or Change of Correspondence of				es of up to 3 registered pater l. alternatively.	ii anorneys	o. Conesiderg
Free Address* inche PTO/SB/47; Rev 03-02 Number is required.	ation (or "Fee Address" Indice or more recent) attached. Use	stion form è of a Castomer	LCAIRICLOU III	of a single firm (having as a tomey or agent) and the nam patent atmineys or agents. If the will be printed.	68 Of UB 10	
I. ASSIGNEE NAME AN	D RESIDENCE DATA TO B	E PRINTED ON T				
	s un assignee is identified be a 37 CPR 3.11. Completion (ee is identified below, the	document has been filed for
(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)						
FEI Company Hillaboro, Oregon						
lense check the appropriat	e essignee calegory or calego	ries (will not be pri	nted on the par	mi): 🗆 ladividus 🛣 Ci	reportation or other private gr	mun entiry D Commercent
ia. The following fee(s) are			Psyment of Fe	:e(a):	.,	T-p taking Ca Government
Issue Fee			A check in the amount of the fee(s) is enclosed.			
Publication Fee (No small entity discount permitted)			Payment by	credit card. Form PTO-2038	is attached.	
Advance Order - # o	of Cobies		Deposit Accou	or is hereby authorized by all the Number	parge the required fee(s), or (midose an extra c	credit any overpayment, to
	s (from status audicated above	>				
	MALL ENTITY sums. See 1	7 CFR 1,27,	b. Applican	t is no longer claiming SMAL	L ENTITY status. See 37 C	FR 1.27(g)(2).
NOTE: The Issue Fee and I storest as shown by the rec	is requested to apply the Issu ablication Fee (if required) words of the United States Pare	ic I'ee and Publicati vill not be accepted nt and Trademark C	on Fee (If any) from anyone o Office	Ar to re-apply any previous) then than the applicant; a region	y paid issue fee to the applic stered attorney or agent, or t	stion identified above. be assignee or other party in
Authorized Signature	リリロロテレム	3		Date July 2	29. 2005	
Typed or printed name	Michael O. Scheinberg			Registration	Na. 36.919	
his collection of information application. Confidential ubmulting the completed a his form and/or suggestion 50x 1450, Alexandra, Virginia 2231,5.	on is required by 37 CFR 1.31 ily is governed by 35 U.S.C. pplication form to the USFTC 9 for reducing this burden, shi inia 22313-1450. DO NOT 5 1450.	11. The information 122 and 37 CFR 1. D. Time will vary double be sent to the ould be sent to the SEND FISIS OR CO	is required to 14. This collect depending upon Chief Informat OMPLETED F	obtain or remin a benefit by the lifes in estimated to take 12 in the individual case. Any coinco Officer, U.S. Patent and ORMS TO THIS ADDRESS	ne public which is as file (an ninuces to complete, includi mments on the amount of hi Trademark Offico, U.S. Deo . SEND TO: Commissioner	d by the USPIO to process) ag gathering, preparing, and ane you require to complete artment of Commerce, P.O. for Parents, P.O. Box 1450,
Joder the Paperwork Reduc	tim Act of 1995, no persons	are required to resp	ond to a collec	tion of information unless it d	lisplays a valid OMB control	mumber.
701 H (D						

TOL-85 (Rev. 07/05) Approved for use through 04/30/2007.

OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

JUL 2 9 2005

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

ог <u>Гах</u> (571) 273-2885 INSTRUCTIONS: This form should be used for transmitting the ISSUE PHE and PUBLICATION PEE (if required). Blocks I through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block I, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee dotifications. CURRENT CORRESPONDENCE ADDRESS (Note: U.e. Block 1 for any change of address) Note: A certificate of mailing can only be used for demestic mailings of the Fex(e) Transmirtal, This certificate camon be used for any other accompanying papers. Each additional paper, yout as an asygmment or formal drawing, must have its own certificate of mailing or transposition. 07/11/2005 7590 25784 MICHAEL O. SCHEINBERG Contificate of Mailing or Transmission
I heroby comify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUP FRE address above, or heing fansimile transmitted to the USPTO (571) 273-2885, on the date indicated below. P.O. BOX 164140 AUSTIN, TX 76716-4140 Margarita Marguez-Escalona 1 Grown to July 29, 2005 MLING DATE FIRST NAMED INVENTOR APPLICATION NO ATTORNEY DOCKET NO. CONFIRMATION NO. F124C) Jacob Johannes Scholtz 3492 TITLE OF INVENTION: PARTICLI-OPTICAL DEVICE AND DETECTION MEANS APPLIN, TYPE SMALL ENTITY ISSUE PRE PUBLICATION FEE TOTAL FEE(S) DUR DATE DUE \$1400 nonprovisional \$300 \$1700 10/11/2005 ART UNIT CLASS-SUBCLASS SXAMINER GURZO, PAUL M 250-310000 Change of correspondence address or indication of "Fee Address" (37 JFR 1.163).

Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) amount. 2 For printing on the patent front page, list Michael O. Scheinberg (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single from (having as a member a O "Fee Address" indication (o: "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) smothed. Use of a Contomer Number is required. registered morney of agent) and the names of up to 2 registered marent anonieys or agents. If no name is listed, no name will be printed. LASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignce is identified below, no assignce data will appear on the parent. If an assignce is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNED (B) RESIDENCE: (CITY and STATE OR COUNTRY) FEI Company Hillsboro, Oregon "lease check the appropriate assignce category of caregories (will not be printed on the patent) : 🔍 Individual 🔀 Corporation or other private group entity 🚨 Government la. The following fee(s) are enclosed: 4b. Payatent of Fee(s): I Issue Fee
Publication For (No small entity discount permuted) A sheek in the amount of the fee(s) is enclosed. Poyment by credit cord. Form PTC-203R is attached.

The Director is bryoby sutherized by charge the required (cels), or credit my overpayment, to Deposit Account Number 50-1635 (cholose an extra copy of this form). Advance Order - # of Copies ___ . Change in Entity Status (from sinks indicated above) a. Applicant claims SMALL ENTITY spame. Sec 37 CFR 1,27. D. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant a registered attorney or agent; or the assignee or other party in ourcest as shown by the records of the United States Patent and Trademark Office

Date: July 29, 2005 Typed or printed name Michael O. Scheinberg Registration No. 36.919 his collection of information is required by 37 CFR 1.31. The information is required to obtain or retain a benefit by the public which is to file (and by the USFIO to process) n application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and ubmitting the completed application form to the USFIO. Time will vary depending upon the individual case. Any comments on the antenna of time you require to complete his form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademork Office, U.S. Department of Commerce, P.O. tox 1450, Alexandra, Virginia 23313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patent, P.O. Box 1450, Ucxandria, Virginia 23313-1450. Juder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

'TOL-85 (Rev. 07/05) Approved for use through 04/33/2007.

OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE